

5 June 1986

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MEMORANDUM FOR:   
FROM:   
SUBJECT: HLR ABE Requirements

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The BARS ABE High-Level Requirements were discussed May 21, 1986 at a meeting attended by Mike Lun (CULLINET), Vicki Tate (CULLINET),  The purpose of the meeting was to identify the CULLINET software package(s) needed to satisfy ABE high-level requirements.

Five (5) CULLINET packages were referenced during the meeting. They are General Ledger (GL), Funds Control (FC), Purchasing (PUR), Accounts Payable (AP), and Inventory (INV). In addition to the functional packages, the CULLINET ICMS, GOLDENGATE and In-House Development are referenced for downloading to the Budget and Accounting Work Stations (BAWS), linking the personal computer to the mainframe, and for data manipulation including graphics support.

The section of the HLR document that details execution requirements, the CULLINET package(s) needed to satisfy that requirement, and an explanation of why the package is needed are listed below.

SECTION	PACKAGE(S)	EXPLANATION
5.2.3.1 OPERATING BUDGET		
1.	GL and FC	GL for funds organization and storage FC for funds transfers that require a system check for available balances
2.	GL and FC	GL for funds organization and storage (GL funds = 4100 and PRA = 7200)

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- FC for screens that make transfers between budgetary (4100, 7200 etc) and memo accounts (PRA and MPA)
3. GL and FC  
GL for the operating level  
FC checks on funds availability for selected Non-personal SOC's
  4. GL, FC, PUR, AP, and INV  
GL for funds storage and account balances  
FC for tracking and status  
PUR to enter commitments, and obligations  
AP for expenses  
INV to record encumbrances and issues
  5. GL, FC, ICMS, and GOLDENGATE  
GL to store funds and budget data and record account balances  
FC for status of funds  
ICMS for downloading  
GOLDENGATE for manipulation and graphics
  6. GL and FC  
GL for funds storage and account balances  
FC for screens that make transfers between budgetary and memo accounts
  7. GL and FC  
GL Report Writer for the Management Information Function (MIF) for sorting on Business Area, Target, etc.  
FC for current status of funds required for reports, i.e., the Trend Analysis Reports
  8. GL and FC  
GL for storage of 1101 costs that are run against position data  
FC for the current status of funds

## 5.2.3.2 OBLIGATIONS and COMMITMENTS

1. GL and PUR  
GL for storage of funds  
PUR for on-line input of data and account balances of obligations/commitments

2. GL, FC, PUR, AP, and INV  
GL for funds storage and account balances  
FC for current status of funds  
PUR for on-line input of data  
AP for recording payables established by procurement actions  
INV for recording issues
3. GL  
GL for MIF data
4. GL, FC, PUR, AP, and INV  
data integration means all levels and all interfaces
5. GL, FC, PUR, and AP  
GL for funds storage  
FC for updates and status of funds  
PUR to record obligations and commitments and to generate an exception report when an obligation exceeds the commitment by "x" amount  
AP for creating payroll disbursements to third parties i.e., SSA, IRS etc.
6. GL, FC, PUR, and AP  
GL for recording transactions in the proper account  
FC for recording funds status  
PUR for recording the payroll obligation
7. GL, FC, PUR, and AP  
GL for funds storage  
FC for recording funds status  
PUR for recording the travel obligation  
AP for recording travel expenditures and disbursements
8. GL, FC, PUR, AP, and INV  
GL for funds storage and account balances  
FC for tracking and status of funds  
PUR to enter commitments and obligations  
AP for expenditures  
INV for encumbrances and issues
9. GL, FC, and PUR  
GL for funds storage and account balances  
FC for tracking and status of funds  
PUR to create obligations

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10. PUR

PUR to create the multiple SOC distribution on a single order

11. Pur

PUR to create the Open Obligation Activity Report (OOAR)

## 5.2.3.3. EXPENSES

1-4 GL, FC, PUR, AP, and INV

GL for funds storage and account balances

FC for tracking and status of funds

PUR for input and retrieval of commitments and obligations

AP for input and retrieval of expenditures

INV for input and retrieval of encumbrances and issues

5. GL, FC, PUR, AP, INV, ICMS, and GOLDENGATE

GL for funds storage and account balances

FC for tracking and status of funds

PUR for input and retrieval of commitments and obligations

AP for input and retrieval of expenditures

INV for input and retrieval of encumbrances and issues

ICMS for downloading to BAWS

GOLDENGATE for data manipulation and graphics

## 5.2.4.1. MONETARY

1. In-House Development (IHD)

IHD for software link to the Automatic Teller Machines (ATMs)

2. In-House Development

IHD for software link to ATMs

3. AP

AP to reconcile all disbursements from bank accounts (does not reconcile deposits)

4. FC, AP, and In-House Development

FC for status and tracking of funds  
AP for cash disbursements through point-of-transaction terminals

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|----|---------------------------------------|---|
| 5. | FC, PUR, AP, and In-House Development | (ATMs)<br>IHD for an interface to the ATM<br><br>FC for status and tracking of funds<br>PUR to establish authorization for advances and travel obligations<br>AP to issue and record advances<br>IHD for an interface to the ATM  |
| 6. | GL, FC, PUR, AP, and INV              | GL all CULLINET packages have security to limit access, updating and query to authorized persons  |
| 7. | GL, FC, PUR, AP, and INV              | GL for storage and account balances<br>FC for tracking and passing updated account transaction data to the GL<br>PUR to create obligations and commitments which are passed to the GL<br>AP to create expenditures and disbursements that are passed to the GL<br>INV to create encumbrances and issues entries that are passed to the GL |

5.2.4.2 ACCOUNTS RECEIVABLE

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|----|--------------------------|--|
| 1. | AP                       | AP to input advance transactions   |
| 2. | AP                       | AP to input advance transactions (garnishments will be treated as advances)  |
| 3. | GL, FC, and AP           | GL for funds storage and account balances<br>FC for tracking and status of funds<br>AP to update and monitor advance accounts on-line                |
| 4. | AP                       | AP to update and monitor advance accounts on-line  |
| 5. | AP, ICMS, and GOLDENGATE | AP to obtain detail on advances and pass this information to GOLDENGATE<br>ICMS to download data to GOLDENGATE<br>GOLDENGATE to create dunning memos |
| 6. | AP                       | AP to age advances and provide information for automatic generation of delinquent  |

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## accounts

7. AP AP to prevent advances from being given to individuals who are delinquent in the repayment of past advances
8. AP, ICMS, and GOLDENGATE AP to provide information for downloading to BAWS  
ICMS to download to BAWS  
GOLDENGATE for analysis by BAWS
9. AP AP to create data to be passed to the GL

## 5.2.4.4 GENERAL LEDGER

1. GL and AP GL to store account balances  
AP to update subsidiary ledger and memo accounts
2. GL, AP, ICMS, and GOLDENGATE GL to store account balances  
AP to enter data into subsidiary ledgers  
ICMS to download data to the BAWS  
GOLDENGATE for data manipulation and graphics support
3. GL, PUR, AP, INV GL to store account balances  
PUR to input procurement data  
AP to input expenditure data  
INV to input receipts and issues, and adjust inventory valuation
4. GL and AP GL to store account balances  
AP to input disbursements to third parties
5. GL GL for on-line report writer
6. GL and FC GL to store account balances and prepare reports  
FC to track the status of funds and pass the account balances to the GL
7. GL, FC, PUR, AP, and INV GL to store account balances from the other functions  
FC to track the status of funds and pass the account balances to the GL  
PUR to input commitments and

obligations and update the GL accounts

AP to input expenditures and disbursements and pass this data to the GL accounts

#### 5.2.4.5 APPROPRIATION

1. GL and FC  
GL to define account information and to store account balances
2. GL, FC, PUR, and AP  
GL to store account balances  
FC to track the status of funds and record appropriation balances  
PUR to input commitments and obligations  
AP to input expenditure data
3. GL, FC, PUR, and AP  
GL to define and store account information and record account balances  
FC to track the status of funds and record appropriation balances  
PUR to input commitments and obligations  
AP to input expenditures
4. GL, FC, PUR, AP, and INV  
GL to store account balances  
FC to track the status of funds  
PUR to input commitments and obligations  
AP to input expenditures  
INV to input Property Requisitioning Authority (PRA)
5. GL and FC  
GL to store account balances for the year-end totals  
FC to create year-end totals for the GL
6. GL and FC  
GL to store account balances  
FC to define multi-year appropriations
7. GL and FC  
GL to store account balances and prepare reports  
FC to track the status of funds and pass the the balances to the GL

8. GL, FC, PUR, AP,  
and INV

GL to store account balances  
from the subfunctions  
FC to track the status of funds  
and pass the balances to the GL  
PUR to input commitment and  
obligation data and pass the  
balances to the GL  
AP to input expense and disbursement  
data and pass the balances to  
the GL  
INV to input encumbrances and  
issues and pass the account  
balances to the GL

9. GL, FC, PUR, AP  
INV, ICMS, and  
GOLDENGATE

GL to store account balances from  
the subfunctions  
FC to track the status of funds  
and pass the balances to the GL  
PUR to input commitment and  
obligation data and pass the  
account balances to the GL  
AP to input expense and  
disbursement data and pass  
the balances to the GL  
INV to input encumbrances and  
issues and pass the account  
balances to the GL  
ICMS to download data to the  
BAWS  
GOLDENGATE for data manipulation  
and graphics support

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